## INTERNATIONAL SEARCH REPORT

Internatic pplication No PCT/NL 03/00766

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C08L101/02 C08G18/10

According to International Patent Classification (IPC) or to both national classification and IPC

## **B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C08G C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | BRUNSVELD L ET AL: "Supramolecular polymers " CHEMICAL REVIEWS, vol. 101, December 2001 (2001-12), pages 4071-4097, XP002267453 page 4071, right-hand column, last paragraph -page 4075, left-hand column, paragraph 1 page 4077, right-hand column, last paragraph -page 4081, left-hand column, last paragraph; figures 11,12 page 4086, right-hand column, paragraph 2 -page 4090, left-hand column, paragraph 1; figures 25-27 page 4094, right-hand column, paragraph 2 -left-hand column, paragraph 2 | 1-28                  |

| Further documents are listed in the continuation of box C.  | Patent family members are listed in annex.  |
|---|---|
| Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filling date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published prior to the international filling date but later than the priority date claimed | <ul> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</li> <li>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul> |
| Date of the actual completion of the international search   | Date of mailing of the international search report  |
| 20 January 2004  Name and malling address of the ISA  | 01/03/2004 Authorized officer   |
| European Patent Office, P.B. 5818 Patentlaan 2<br>NL – 2280 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax: (+31-70) 340-3016   | Otegui Rebollo, J   |

## INTERNATIONAL SEARCH REPORT

Internation \_\_ oplication No PCT/NL 03/00766

| C.(Continu | ation) DOCUMENTS CONSIDERED TO BE RELEVANT   | FC1/NL 03/00/66       |
|------------|--|-----------------------|
| Category ° | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| X          | WO 98 14504 A (BEIJER FELIX HUGO; BRUNSVELD LUCAS (NL); DSM NV (NL); MEIJER EGBER) 9 April 1998 (1998-04-09) page 1, line 6 -page 2, line 2 page 3, line 1 -page 6, line 18; claims; example VII   | 1-28                  |
| X          | KATO T: "SUPRAMOLECULAR LIQUID CRYSTAL POLYMERS, FORMATION OF MOLECULAR SELF-ORGANIZED STRUCTURES AND THEIR FUNCTIONALIZATION" KOBUNSHI RONBUNSHU (JAPANESE POLYMER SCIENCE AND TECHNOLOGY), SOCIETY OF POLYMER SCIENCE. TOKYO, JP, vol. 54, no. 12, 1997, pages 855-862, XP000752062 ISSN: 0386-2186 abstract; figures 1D,2-4 | 1-28                  |
| X          | WO 03 059964 A (SOULIE-ZIAKOVIC CORINNE; ATOFINA (FR); LEIBLER LUDWIK (FR); LACHAI) 24 July 2003 (2003-07-24) page 2, line 10 -page 8, line 2; claims; examples  | 1-8,28                |
| x          | EL-GHAYOURY A ET AL: "Supramolecular hydrogen-bonded oligo(p-phenylene vinylene) polymers" ANGEWANDTE CHEMIE, WILEY-VCH, WEINHEIM, DE, vol. 40, no. 19, 2001, pages 3660-3663, XP002260390 ISSN: 1433-7851 page 3660, right-hand column, paragraph 1-page 3661, left-hand column, paragraph 1                                  | 1-8,28                |
| X          | EP 1 310 533 A (AGFA GEVAERT) 14 May 2003 (2003-05-14) paragraph ** 0025! page 19, line 20 -page 21, line 25; examples 26,27,30; table 11  | 1-8,28                |
| (          | WO 02 098377 A (LIVOREIL AUDE ;MONDET JEAN (FR); OREAL (FR); MOUGIN NATHALIE (FR)) 12 December 2002 (2002-12-12) page 6, line 24 -page 8, line 29 page 12, line 21 -page 14, line 14 page 24, line 1 -page 30, line 32; claims 1-9,13-22   | 1-28                  |
|            |  |                       |

## **INTERNATIONAL SEARCH REPORT**

Internatio pplication No
PCT/NL 03/00766

| Patent document cited in search report |   | Publication<br>date |    | Patent family member(s) |    | Publication<br>date |
|--|---|---------------------|----|-------------------------|----|---------------------|
| WO 9814504                             | A | 09-04-1998          | NL | 1004192                 | C2 | 07-04-1998          |
|  |   |                     | ΑT | 231891                  | T  | 15-02-2003          |
|  |   |                     | AU | 4401897                 | Α  | 24-04-1998          |
|  |   |                     | DE | 69718802                | D1 | 06-03-2003          |
|  |   |                     | DE | 69718802                | T2 | 20-11-2003          |
|  |   |                     | DK | 929597                  | T3 | 12-05-2003          |
|  |   |                     | EP | 0929597                 | A1 | 21-07-1999          |
|  |   |                     | ES |                         | T3 | 16-09-2003          |
|  |   |                     | WO | 9814504                 |    | 09-04-1998          |
|  |   |                     | US | 6320018                 | B1 | 20-11-2001          |
| WO 03059964                            | Α | 24-07-2003          | WO | 03059964                | A2 | 24-07-2003          |
| EP 1310533                             | Α | 14-05-2003          | EP | 1310533                 | A2 | 14-05-2003          |
| WO 02098377                            | A | 12-12-2002          | FR | 2825628                 | A1 | 13-12-2002          |
|  |   |                     | WO | 02098377                |    | 12-12-2002          |